

2022 Price, UT Mine Rescue Written Test DAY 2

Name _____

Team _____

1. Nitrogen dioxide is produced by burning and by the _____ of explosives.
 - a. ignition
 - b. combustion
 - c. detonation

2. A mixture of coal dust in air _____ the explosive limit of methane.
 - a. increases
 - b. reduces
 - c. lessens

3. The range of concentrations within which a gas _____ are known as its “explosive range”.
 - a. can explode
 - b. may explode
 - c. will explode

4. Temporary seals are built before permanent seals are erected in order to seal off a _____ area as quickly as possible.
 - a. burning
 - b. fire
 - c. hot

5. One hazard of _____ during a fire is that it tends to weaken the roof, especially where head coal is left.
 - a. heat
 - b. steam
 - c. smoke

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6. Once an explosion has occurred, there is always the _____ of further explosions.
 - a. probability
 - b. possibility
 - c. likelihood

7. Mine rescue teams may find it necessary to use _____ _____ to sweep noxious or explosive gases from a face area.
 - a. line curtain
 - b. brattice cloth
 - c. line brattice

8. _____ the team relays to the fresh-air base as it proceeds is known as the “progress report”.
 - a. Conditions
 - b. Information
 - c. Circumstances

9. In _____ too hazardous for teams to explore and reventilate safely, teams may be instructed to seal the area.
 - a. conditions
 - b. areas
 - c. situations

10. New mine rescue team members must have at least ___ hours of instruction on the breathing apparatus used by the team.
 - a. 20
 - b. 15
 - c. 40